

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	625	156/345.12 156/345.13 451/66	USPAT	OR	OFF	2004/09/17 13:14
S2	77	(156/345.12 156/345.13 451/66) and (pressure with (zone\$1 ring\$1))	USPAT	OR	OFF	2004/09/17 13:29
S3	0	"Chin-Tsan Jan"	USPAT	OR	OFF	2004/09/17 13:29
S4	1902	Jan-\$.in.	USPAT	OR	OFF	2004/09/17 13:29
S5	22	Jan-\$.in. and taiwan	USPAT	OR	OFF	2004/09/17 13:32
S6	544	wu-\$.in. and taiwan	USPAT	OR	OFF	2004/09/17 13:33
S7	312	(wu-\$.in. and taiwan) and (wafer semiconductor abrad\$3 polish\$3 planariz\$5)	USPAT	OR	OFF	2004/09/17 13:43
S8	0	"taiwan semicondcutor manufacturing company" and (pressure with (zone\$1 ring\$1))	USPAT	OR	OFF	2004/09/17 13:37
S9	0	"taiwan semicondcutor manufacturing company" and ((force tension) with (zone\$1 ring\$1))	USPAT	OR	OFF	2004/09/17 13:38
S10	1353	(pressure with (zone\$1 ring\$1))and (wafer semiconductor abrad\$3 polish\$3 planariz\$5)	JPO; DERWENT	OR	OFF	2004/09/17 13:44
S11	190	((abrad\$3 polish\$3 planariz\$5) same (pressure with (zone\$1 ring\$1)))and (wafer semiconductor)	JPO; DERWENT	OR	OFF	2004/09/17 13:46

* S12-S19 were erroneous
did copy plus search results correctly
not

S13	856	"224472" "6008108" "5866480" "6062959" "6217412" "6352596" "6224472" "6068549" "5868610" "6062133" "6220930" "6354914" "5947802" "6102779" "5868609" "6068544" "6221199" "6361202" "5957764" "6113465" "5868608" "6074288" "6210260" "6362107" "6062961" "6113466" "5868896" "6074289" "6213855" "6368186" "5551986" "6139400" "5872633" "6077151" "6217412" "6368189" "6169931" "6171513" "5873769" "6080049" "6220930" "6379225" "5785584" "6179694" "5876273" "6080040" "6221199" "6386962" "5791975" "6179695" "5876269" "6080042" "6227947" "6390905" "5871392" "6183350" "5882243" "6083090" "6234815" "6391779" "5899745" "6187681" "5885137" "6086456" "6234868" "6394882" "5934977" "6203408" "5885135" "6086460" "6237483" "6394886" "5980363" "6206768" "5888120" "6093089" "6241578" "6398627" "6033987" "6234876" "5893753" "6102788" "6241593" "6398906" ("6062952" "6241582" "5899792" "6106379" "6242353" "6402589" "6186865" "5234867" "5899798" "6110012" "6244942" "6409583" "5486129" "5421769" "5913712" "6110820" "6244945" "6412822" "5643060" "5486265" "5916016" "6113479" "6244946" "6419574" "5700180" "5549511" "5928960" "6113480" "6251000" "6423640" "5711818" "5558563" "5931719" "6113468" "6264789" "6439963" "5762537" "5560802" "5944580" "6114706" "6267643" "6439986" "5842909" "5575706" "5948697" "6117778" "6269510" "6443810" "5851135" "5578529" "5954570" "6124215" "6270397" "6447368" "5944593" "5599423" "5957757" "6126527" "6272902" "6454327" "5989104" "5609718" "5961375" "6126517" "6273792" "6454637" "6030487" "5618447" "5961372" "6129613" "6276998" "6454641" "6095900" "5624299" "5967881" "6129610" "6280306" "6458013" "6113462" "5637031" "5968843" "6132294" "6284092" "6458015" "6119294" "5643061" "5967030" "6120347" "5653622" "5980368" "6120347" "5653622" "5980368"	USPAT	OR	OFF	2005/05/02 13:02
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S14	4	S13 and "pressure rings"	USPAT	OR	OFF	2005/05/02 13:05
S15	1	S14 and inflat\$3	USPAT	OR	OFF	2005/05/02 13:14
S16	159	("6126512" "5655951" "5981353" "6139409" "6290883" "6477447" "6225224" "5664987" "5985094" "6143123" "6296550" "6482290" "6225224" "5698455" "5997385" "6146260" "6300248" "6494769" "6231428" "5720845" "6007411" "6146249" "6302762" "6500059" "5395801" "5722879" "6012964" "6149078" "6309290" "6506105" "5554065" "5725420" "6020262" "6152805" "6315635" "6508694" "5655949" "5728507" "6021679" "6159075" "6315649" "6509270" "5702563" "5735731" "6027398" "6162112" "6315651" "6520835" "5759918" "5738568" "6030275" "6165052" "6325696" "6527625" "5800248" "5762536" "6030425" "6168502" "6325706" "6531397" "5820449" "5766058" "6030488" "6176765" "6328637" "6533646" "5851136" "5769691" "6051477" "6179956" "6331136" "6540588" "5908530" "5769697" "6054017" "6186509" "6336851" "6540590" "5915175" "5801066" "6056632" "6187093" "6336853" "6544103" "5916012" "5816900" "6059636" "6190243" "6341995" "6547639" "5916015" "5830806" "6059638" "6193587" "6341997" "6552360" "5925576" "5834377" "6059643" "6200201" "6344414" "6558232" "5938884" "5843269" "6059643" "6206760" "6346741" "6561870" "5993293" "5865666" "6059638" "6210260" "6350186" "6572438" "5997392" "5865665" "6059636" "6213855").pn. "6352466" "6579151"	USPAT	OR	OFF	2005/05/02 13:18
S17	2	S16 and "pressure rings"	USPAT	OR	OFF	2005/05/02 13:17
S18	62	S13 and S16	USPAT	OR	OFF	2005/05/02 13:18
S19	62	S18 and S16	USPAT	OR	OFF	2005/05/02 13:21
S20	4	("6558232" "6506105" "5916016" "6623343").pn.	USPAT	OR	OFF	2005/05/02 14:51
S21	4	("6558232" "6506105" "5916016" "6623343").pn.	USPAT	OR	OFF	2005/05/02 14:51
S22	0	S21 and "channel selector"	USPAT	OR	OFF	2005/05/02 15:11
S23	11	"6,390,905"	USPAT	OR	OFF	2005/05/02 15:11

S24	1	"6,390,905".pn.	USPAT	OR	OFF	2005/05/02 15:21
S25	0	"channel selector" and "duct roller"	USPAT	OR	OFF	2005/05/02 15:22
S26	1830	"13" and "16" and "channel selector"	USPAT	OR	OFF	2005/05/02 15:22
S27	28	"s13" and "s16" and "channel selector"	USPAT	OR	OFF	2005/05/02 15:23
S28	0	S27 and "duct roller"	USPAT	OR	OFF	2005/05/02 15:24
S29	0	S27 and duct	USPAT	OR	OFF	2005/05/02 15:24
S30	0	S27 and "reversible"	USPAT	OR	OFF	2005/05/02 15:24
S31	0	"duct roller" and cmp	USPAT	OR	OFF	2005/05/02 15:25

S32	123	("6221774" "6301006" "6261158" "5785584" "6004196" "5643061" "6221774" "6312558" "6334810" "5871392" "6007408" "5647952" "5961372" "6319420" "6692338" "5899745" "6010538" "5658190" "6012964" "6323046" "6758726" "5910846" "6017463" "5664987" "6210260" "6336851" "6875096" "5934977" "6025244" "5664988" "6210260" "6336853" "5664989" "5980363" "6028669" "5665201" "6280306" "6368189" "6203408" "6062952" "6068539" "5679065" "6572445" "6379216" "5967030" "6108092" "6086464" "5690540" "6666755" "6390905" "6062133" "6191864" "6091130" "5708506" "6722946" "6406362" "6110294" "6217427" "6093086" "5709755" "6729945" "6425812" "6237483" "6217427" "6095908" "5722879" "5551986" "6431957" "6354921" "5196353" "6099390" "5736427" "6000997" "6458291" "6443815" "5486129" "6099604" "5736463" "6186865" "6458704" "6537143" "5522965" "6108091" "5738567" "5711818" "6508694" "6652357" "5643060" "6111634" "5738573" "6030487" "6517668" "6652362" "5700180" "6117775" "5738574" "6046111" "6533646" "6860801" "5762537" "6146242" "5743784" "6190494" "6562182" "6024630" "5842909" "6155913" "5755979" "6191037" "6599765" "4466852" "5851135" "6186877" "5766058" "6206754" "6612903" "5558568" "6093280" "6190234" "5769696" "6225224" "6628397" "5584751" "6113462" "6206769" "5769697"). pn.	USPAT	OR	OFF	2005/05/04 14:51
S33	17	S32 and valv\$3	USPAT	OR	OFF	2005/05/04 14:57

Plus Search

S34	172	("6225224" "6628410" "5593344" "6120347" "6208425" "5792709" "6234878" "6678911" "5657123" "6126512" "6224460" "5791970" "5722877" "6686284" "5692947" "6184139" "6224460" "5798302" "5725417" "6712679" "5957759" "6197604" "6238270" "5801066" "5770521" "6722949" "6056631" "5395801" "6242351" "5807165" "5957757" "6752898" "6093085" "5554065" "6247998" "5827781" "5997392" "6769970" "6179950" "5643048" "5234867" "5830806" "6075606" "6776871" "6231427" "5645682" "5245794" "5837610" "6157078" "6790128" "6290577" "5655949" "5300155" "5853604" "6187681" "6824622" "6312319" "5681423" "5421769" "5865665" "5702292" "6840846" "6443824" "5702563" "5483568" "5866480" "5762536" "6857947" "6491570" "5704987" "5486265" "5868610" "5865666" "6110026" "6599175" "5733176" "5514245" "5868609" "5885135" "5893754" "6623337" "5759918" "5533924" "5868608" "6004193" "5981396" "6641462" "5777739" "5536202" "5868896" "6033921" "5244534" "6719618" "5782675" "5540810" "5873769" "6054015" "5663637" "6746318" "5816891" "5549511" "5876269" "6110012" "5707274" "6224472" "5820449" "5560802" "5877045" "6129610" "5720845" "6224472" "5846336" "5575706" "5882248" "6149512" "5735731" "6180423" "5851136" "5595527" "5882243" "6184986" "5830043" "5947802" "5855804" "5597443" "5885147" "6242353" "5843269" "5957764" "5879226" "5597442" "5893796" "6244946" "5853317" "6036586" "5908530" "5599423" "5897371" "6251000" "5888120" "6062961" "5915175" "5609719" "5906754" "6264789" "5891205" "5232875" "5936733" "5609718" "5910043" "6267659" "5928062" "5948203" "5938884" "5618381" "5911619" "6272902" "6135865" "6169931" "5972792" "5618447" "5913715" "6273796" "6155915" "5658185" "5976000" "5637031" "5916011" "6277236" "6168508" "5663797" "5995594" "5643050" "5928960")	USPAT	OR	OFF	2005/05/04 14:57
Search History 5/11/05 8:28:06 PM Page 7 C:\Documents and Settings\SmacArthur\My Documents\EAST\Workspaces\10_698765b.wsp		plus search cont.				

plus
search
cont.

S35	20	S34 and valv\$3	USPAT	OR	OFF	2005/05/05 11:30
S36	21	(156/345.12 156/345.13 451/66) and (valv\$3 same (hole\$1 port\$1 aperature\$1))	USPAT	OR	OFF	2005/05/04 15:10
S37	21	S36 not (S33 S35)	USPAT	OR	OFF	2005/05/04 15:08
S38	290	(polish\$3 planariz\$6) and (valv\$3 same (hole\$1 port\$1 aperature\$1))	EPO; JPO; DERWENT	OR	OFF	2005/05/04 15:10
S39	1	("6572445").PN.	USPAT	OR	OFF	2005/05/05 11:31
S40	16	korovin-\$in.	USPAT	OR	OFF	2005/05/05 11:32